

UNITED STATES PATENT OFFICE.

GEORGE T. SAMPSON, OF DAYTON, OHIO.

CLOTHES-DRIER.

SPECIFICATION forming part of Letters Patent No. 476,416, dated June 7, 1892.

Application filed June 24, 1891. Serial No. 397,301. (No model.)

To all whom it may concern:

Be it known that I, GEORGE T. SAMPSON, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Clothes-Driers; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My invention relates to improvements in clothes-driers, the several features of which will be fully hereinafter described and claimed.

The object of my invention is to suspend clothing in close relation to a stove by means of frames so constructed that they can be readily placed in proper position and put aside when not required for use. This object I accomplish by the mechanism illustrated in the accompanying drawings, in which—

Figure I is a front elevation of the principal portion of the device with the drying-frame in a vertical position. Fig. II is a top view of the bracket. Fig. III is a front view of the top drying-frame. Fig. IV is a side of the same. Fig. V is a side elevation at a right angle to Fig. I.

Like letters and numerals designate like parts throughout the several views.

A is a cast frame having a base, through which wood screws are driven to secure the same to the floor in the rear of a stove.

The dotted lines at H show the outline of a stove. The frame comprises the lateral arms A', on which is a series of hooks to suspend cooking utensils, and the curved upwardly-extending arms A², to which is hinged the drying-frame B, and the left arm has an extension, to which the button 2 is pivoted. To the upper arms are bolted the arms A³, and in the upper ends of which is held the supporting-wire G, on which the drying-frame B rests when the same is brought down for use to a horizontal position over the top of a stove. On these arms are lugs having pivots 3 and 4, on which are suspended brackets E, one only being shown. The rear ends of the support-

ing-wire G are held in orifices of the frame A. A straight rod could be substituted for this.

To the frame is attached the oblong pan F, used as a receptacle.

The extension-bracket E comprises the frame with orifices for the pivots and the attached wires 9, to which is connected rigidly the cross-plate 10, in which are orifices, in which the wire 8 freely moves, and to the inner ends of wire 8 is rigidly attached the cross-plate 11, which is provided with orifices for the former wires 9. This is used for the suspension of clothes and may be extended or retracted and swung to or from the stove at pleasure.

The drying-frame B is comprised of a bar secured to the principal frame by the hinges 5 5, and to said bar is attached a series of wires 8, each having two angles, which, with the bar, have the contour of an oblong square. To bind the outer ends of these wires, the part 1 is used, comprising a cross-plate, which embraces the inner wire, and a hooked part to embrace the outer end of the external wire. This frame is shown in a vertical position, as when not in use, and to bring it to a horizontal position over the stove it is only necessary to turn the button 2. At L by a circular dotted line is shown the position of the stove-pipe, which must pass backward through said frame.

The supplementary frame CC', of symmetrical parts, is attached when needed to the drying-frame B, the front of the former resting on the latter at about the dotted line *x*, Fig. I, and the rear portion resting at about the dotted line *y*.

The circular dotted line in Fig. I shows the relative position of the two drying-frames when in position for use.

The supplementary frame comprises two circular symmetrical parts jointed at the top, so that the two parts may be folded together, and when opened the end of the left side engages the pin 6 of the right side. On the end plates at the rear are projections *u u'*, and in these projections and ends of the plates are semicircular notches, which rest on the two outside wires of the flat frame, and the front plates are each provided with a single notch resting on the outside wire. To the front end are pivoted the folding legs D and J, which